

ABSTRACT

A tubular stent that uniformly scaffolds vessel tissue within a region that significantly changes diameter or transverse dimension. The invention may be practiced in lumens that taper in either retrograde or antegrade directions, and the transverse dimensional change may be relatively linear or flared. A catheter for delivering the stent of the invention may include a balloon having a comparably flared shape and an inverse conical distal end. This abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b)

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